

L5 ANSWER 1 OF 1 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD
AN 1992-400703 [49] WPIDS
DNC C1992-177709
TI New 4-(-(2-hydroxy-2-phenyl ethylamino) ethoxy) phenyl acetic acid - is
beta 3-adrenoceptor agonist, hyperlipidaemia, atherosclerosis,
inflammatory bowel disease etc..
DC B05
IN HOLLOWAY, B R; HOWE, R; RAO, B S; HOLLOWAY, B R; BALBIR, S R
PA (ZENECA LTD; (ICIL) IMPERIAL CHEM IND PLC
CYC 32
PI EP---516349 A2 19921202 (199249)* EN 20p
R: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE
AU---9217044 A 19921203 (199304)
NO---9202113 A 19921130 (199305)
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ZA---9203356 A 19930526 (199327) 40p
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EP---516349 A3 19930414 (199351)
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US---5393779 A 19950228 (199514) 11p
US---5434184 A 19950718 (199534) 11p
EP---516349 B1 19950920 (199542) EN 34p
R: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE
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FDT AU---652826 B Previous Publ. AU---9217044; US---5434184 A Div ex
US---5393779; DE---69204906 E Based on EP---516349; ES---2076688 T3 Based
on EP---516349; US---5480910 A Div ex US---5393779, Cont of US---5434184;
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PRAI 1991GB-0011426 19910528

AN 1992-400703 [49] WPIDS

AB EP 516349 A UPAB: 19941010
4-(2-(2-Hydroxy-2-phenylethylamino)ethoxy)-phenylacetic acid of formula
(I), its bioprecursors and its salts are new.

USE - (I) is a beta 3-adrenoceptor agonist and produces a thermogenic effect. (I) is useful for treating obesity and related conditions such as mature onset diabetes associated with obesity. Dose is 0.002-20 (pref. 0.5-5)mg/kg/day. Also (i) improves glucose tolerance and have hypoglycaemic activity and can be used to treat non-insulin dependent diabetes mellitis (NIDDM), and conditions where insulin resistance is important, e.g., hypertension, hyperlipidaemia and decreased fibrinolysis (Reaven's syndrome or Syndrome X); (ii) lowers triglyceride and cholesterol levels and raises high density lipoprotein (HDL) levels and can be used to treat hypertriglyceridaemia, hypercholesterolaemia and conditions of low HDL levels, and atherosclerotic disease (opt. in combination with other antiatherosclerotic agents such as fibrates, HMG-CoA reductase inhibitors, cholesterol absorption inhibitors, acyl CoA:cholesterol acyltransferase inhibitors, anion exchange resins, nicotinic acid or its derivs., vitamin E or thyromimetics); and (iii) stimulates the 'atypical' beta-adrenoceptors in the gastrointestinal tract and so inhibit gastrointestinal motility and can be used to treat, e.g., inflammatory bowel disease, (e.g., Crohns disease and ulcerative colitis), irritable bowel syndrome, non-specific diarrhoea and dumping syndrome.

Dwg.0/0

Dwg.0/0

ABEQ ZA 9203356 A UPAB: 19931116
4-(2-(2-Hydroxy-2-phenylethylamino)ethoxy)-phenylacetic acid of formula
(I), its bioprecursors and its salts are new.

Use - (I) is a beta 3-adrenoceptor agonist and produces a thermogenic effect. (I) is useful for treating obesity and related conditions such as mature onset diabetes associated with obesity. Dose is 0.002-20 (pref. 0.5-5) mg/kg/day. Also (i) improves glucose tolerance and have hypoglycaemic activity and can be used to treat non-insulin dependent diabetes mellitis (NIDDM), and conditions where insulin resistance is important, e.g., hypertension, hyperlipidaemia and decreased fibrinolysis (Reaven's syndrome or Syndrome X); (ii) lowers triglyceride and cholesterol levels and raises high density lipoprotein (HDL) levels and can be used to treat hypertriglyceridaemia, hypercholesterolaemia and conditions of low HDL levels, and atherosclerotic disease (opt. in combination with other antiatherosclerotic agents such as fibrates, HMG-CoA reductase inhibitors, cholesterol absorption inhibitors, acyl CoA:cholesterol acyltransferase inhibitors, anion exchange resins, nicotinic acid or its derivs., vitamin E or thyromimetics); and (iii) stimulates the 'atypical' beta-adrenoceptors in the gastrointestinal tract

and so inhibit gastrointestinal motility and can be used to treat, e.g., inflammatory bowel disease (e.g. Crohns disease and ulcerative colitis), irritable bowel syndrome, non-specific diarrhoea and dumping syndrome.

ABEQ US 5393779 A UPAB: 19950412

4-(2-(2-hydroxy-2-phenylethylamino) ethoxy)phenylacetic acid of formula (I), bioprecursors esp. esters and amides., and salts are new.

Cpds. of formula (II), R3 = 1-6C alkoxy are pref.

Specifically claimed cpds. include (R)-4-(2-(2-hydroxy-2-phenylethylamino)ethoxy)-phenyl acetic acid.

USE - (I) are beta2-adrenoceptor agonists with thermogenic and hypoglycaemic action used to treat obesity, diabetes, hypertension, hyperlipidaemia and decreased fibrinolysis.

Dwg.0/0

ABEQ US 5434184 A UPAB: 19950904

Treatment of diseases mediated through 3-adrenoceptors comprises admin. of a 4-(2-(2-hydroxy-2-phenylethylamino)phenylalcalcic acid of formula (I), bioprecursors or salts. (I) stimulates thermogenesis and improves glucose tolerance.

USE - Used in the treatment of obesity, mature onset diabetes, NIDDM, hypertension and/or hyperlipidemia, hypertriglyceridemia, hypercholesterolemia, atherosclerosis and low HDL levels. Dosage is e.g. 0.002-20 (0.5-5) mg/kg/day..

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ABEQ EP 516349 B UPAB: 19951026

A compound of the formula (I), or a bioprecursor or a pharmaceutically acceptable salt thereof.

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ABEQ US 5480910 A UPAB: 19960222

A method of inhibiting gastrointestinal motility by administering a pharmaceutically effective amount of a compound of the formula C6H5-CH(OH)CH2NHCH2CH2O-p-C6H4-CH2COOH (I) or a bio-precursor or a pharmaceutically acceptable salt thereof to a patient in need thereof.

Dwg.0/0